AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-17 (Canceled)

18. (New) A method for representing faults detected on textile fabrics for purposes of evaluation, comprising the following steps:

receiving data associated with a plurality of faults detected on a swatch of the surface of the fabric;

sorting the data associated with the plurality of detected faults in accordance with at least two parameters, wherein at least one of said two parameters pertains to the size of the detected faults;

representing the received and sorted data associated with the plurality of detected faults in an image having at least two dimensions, wherein one of said dimensions corresponds to said one of said two parameters, and another of said dimensions corresponds to the other of said two parameters.

19. (New) The method of claim 18, wherein said one parameter is the length of a detected fault.

20. (New) The method of claim 19 wherein the other of said two parameters is the width of a detected fault.

21. (New) The method of claim 19 wherein the other of said two parameters is the intensity of a detected fault.

22. (New) The method of claim 18 wherein said one parameter is the area of a detected fault.

23. (New) The method of claim 22 wherein the other of said two parameters is the intensity of a detected fault.

24. (New) The method of claim 18 wherein said one parameter is the number of unit fields in said swatch within which a detected fault is located.

25. (New) The method of claim 24 wherein the other of said two parameters is the intensity of a detected fault.

26. (New) The method of claim 18 wherein said other dimension is divided into a plurality of zones that are respectively associated with different types of faults.

27. (New) The method of claim 18 wherein each of said two dimensions is divided into a plurality of sections to thereby divide said image into a plurality of classes, and the plurality of detected faults are represented as numerical values within the classes with which they are respectively associated.

28. (New) The method of claim 27 wherein the position of a numerical value within a class indicates the value of a parameter for detected faults represented by that number.

29. (New) The method of claim 28 wherein the parameter depicted by the positions of the numerical values is a third parameter different from said two parameters.

30. (New) The method of claim 29 wherein said third parameter is intensity.

31. (New) A method for representing faults detected on textile fabrics for purposes of evaluation, comprising the following steps:

receiving data associated with a plurality of faults detected on a swatch of the surface of the fabric;

sorting the data associated with the plurality of detected faults in accordance with at least two parameters, wherein at least one of said two parameters pertains to the intensity of the detected faults;

representing the received and sorted data associated with the plurality of detected faults in an image having at least two dimensions, wherein one of said dimensions corresponds to said one of said two parameters, and another of said dimensions corresponds to the other of said two parameters.

32. (New) The method of claim 31 wherein one of said dimensions is divided into a plurality of zones that are respectively associated with different types of faults.

33. (New) The method of claim 31 wherein each of said two dimensions is divided into a plurality of sections to thereby divide said image into a plurality of classes, and the plurality of detected faults are represented as numerical values within the classes with which they are respectively associated.

34. (New) The method of claim 33 wherein the position of a numerical value within a class indicates the value of a parameter for detected faults represented by that number.